

# MarNIS contribution to e-Maritime

**ECASBA  
SEMINAR 22-23.05.2007  
Brussels**

**Jean Trestour  
Head of Unit**

**Maritime Transport Policy: Internal Market, Ports,  
Short-Sea Shipping. Inland Waterways  
European Commission, DG Transport and Energy**

MarNIS



## Objectives

- Improve safety, efficiency of maritime transport and the protection of the environment;
- Improve efficiency and reliability of information flows;
- Propose administrative, organisational and procedural changes;
- Propose new legislation and updates for the existing one.

# E-maritime: electronic capabilities for efficient maritime transport information sharing



## MarNIS Integrated approach

Maritime Information Management

Port  
Traffic  
Management

E-maritime

Traffic  
measures  
at sea

Info services  
on board

Systems and technology

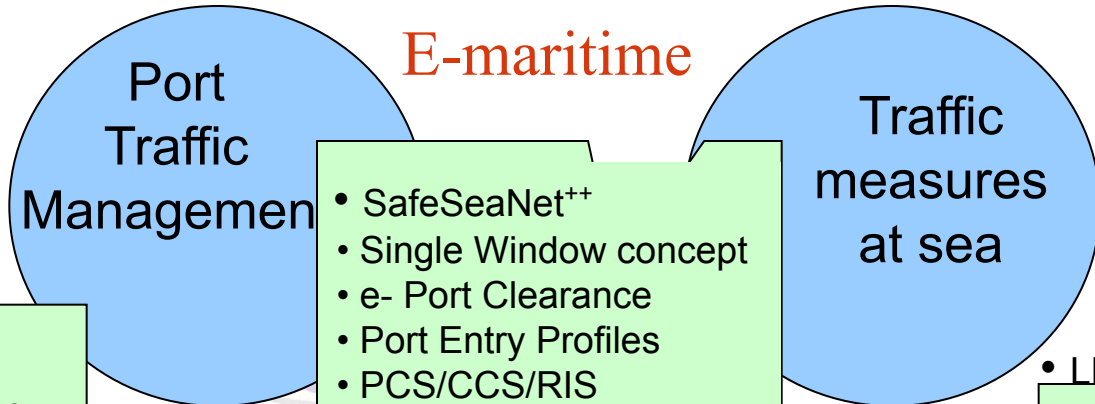


# MarNIS Integrated approach

- VTM assessment tools for ports
- Pilot decision support Tools
- Port Resource Planning

Maritime Information Management

- MOS (Maritime Operational Services)
- High Risk Vessels
- Dynamic Maritime Risk Areas



- SafeSeaNet<sup>++</sup>
- Single Window concept
- e- Port Clearance
- Port Entry Profiles
- PCS/CCS/RIS
- MarNIS node

- Voyage planning
- Emergency response on board
- Ship-borne external information flows

Info services on board

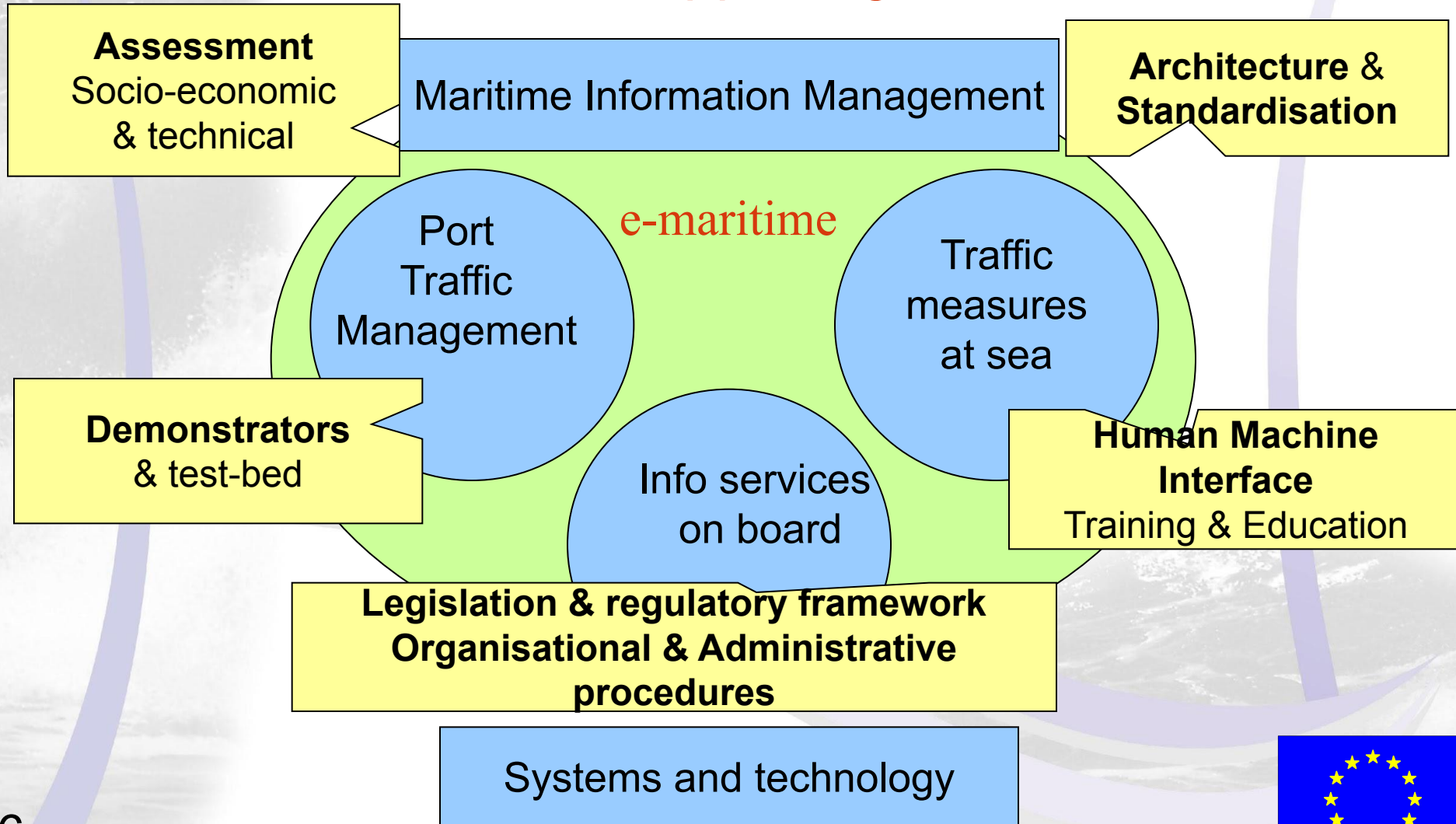
- LRIT and AIS
- Earth Observation
- E-navigation services (ECDIS, Hydro meteo)
- Broad Band comm.

Platform

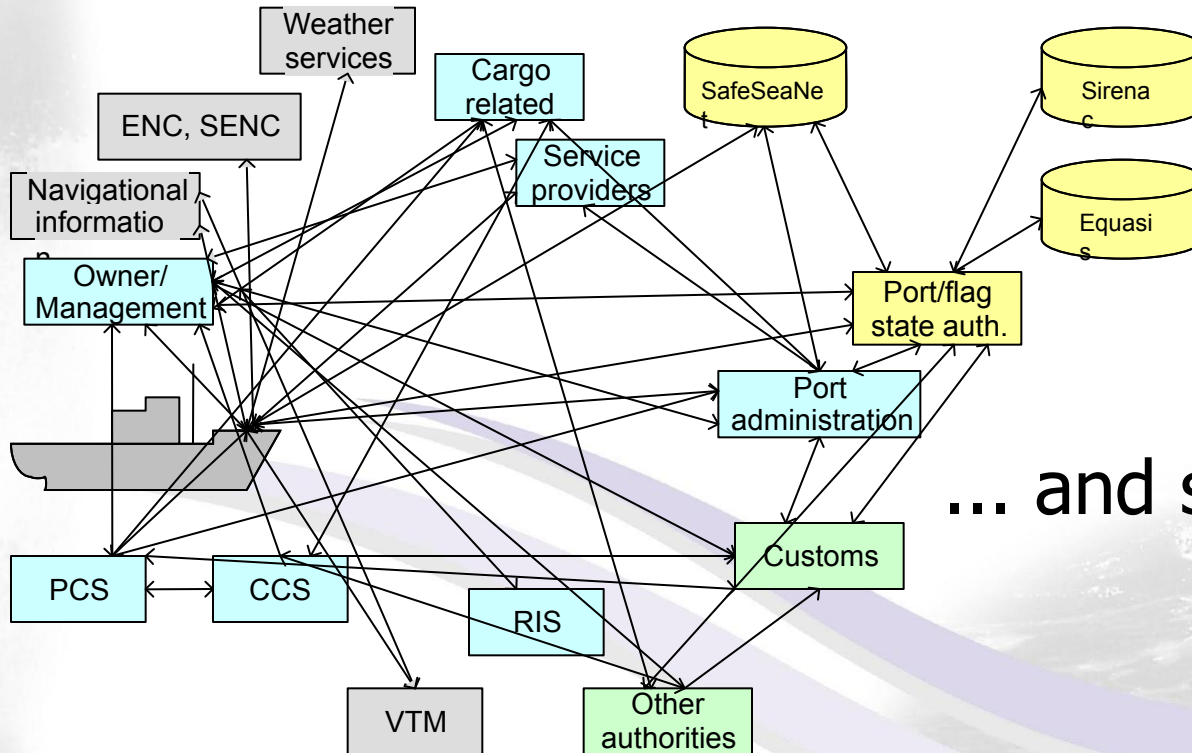
Systems and technology



## MarNIS Supporting activities

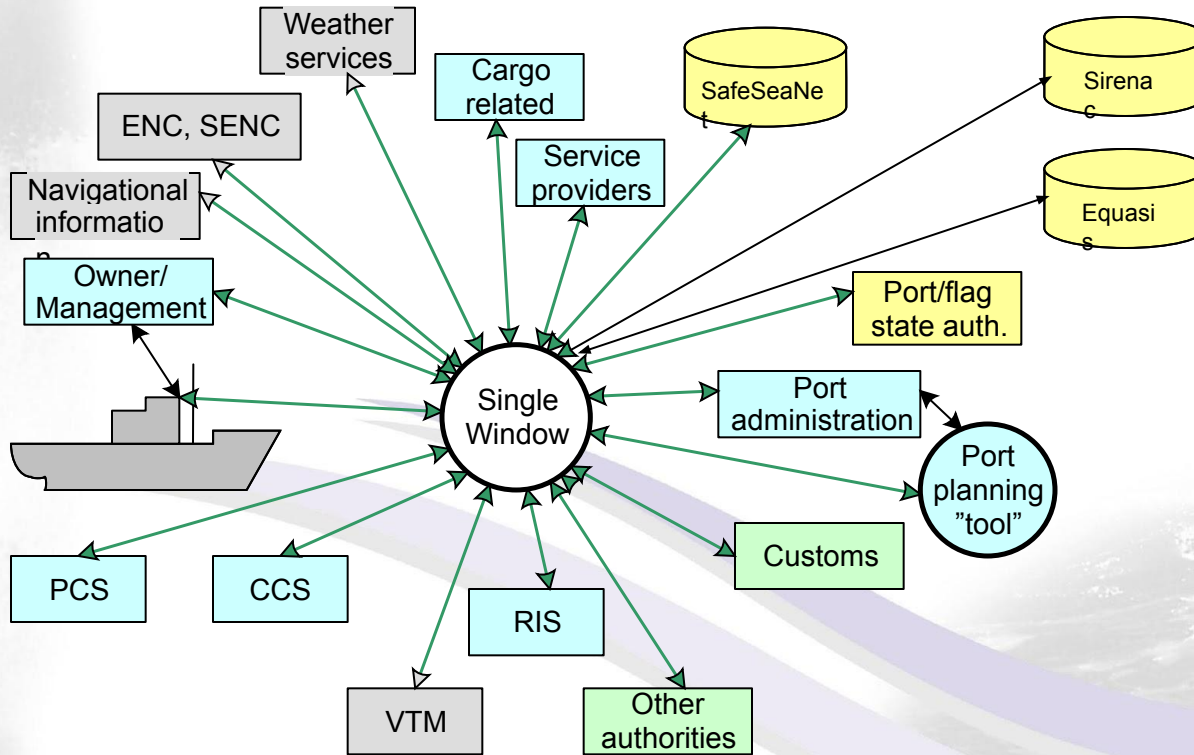


# Today's information flow



... and still not all!

# Maritime Information Management goals





[www.marnis.org](http://www.marnis.org)

A large ship, possibly a research vessel or a fishing boat, is seen from a distance on the open sea. The ship is silhouetted against a bright, low sun that creates a strong lens flare and illuminates the sky in shades of orange and yellow. The water is dark with some whitecaps. In the background, there are faint outlines of land or mountains.

*Thank you for your attention*